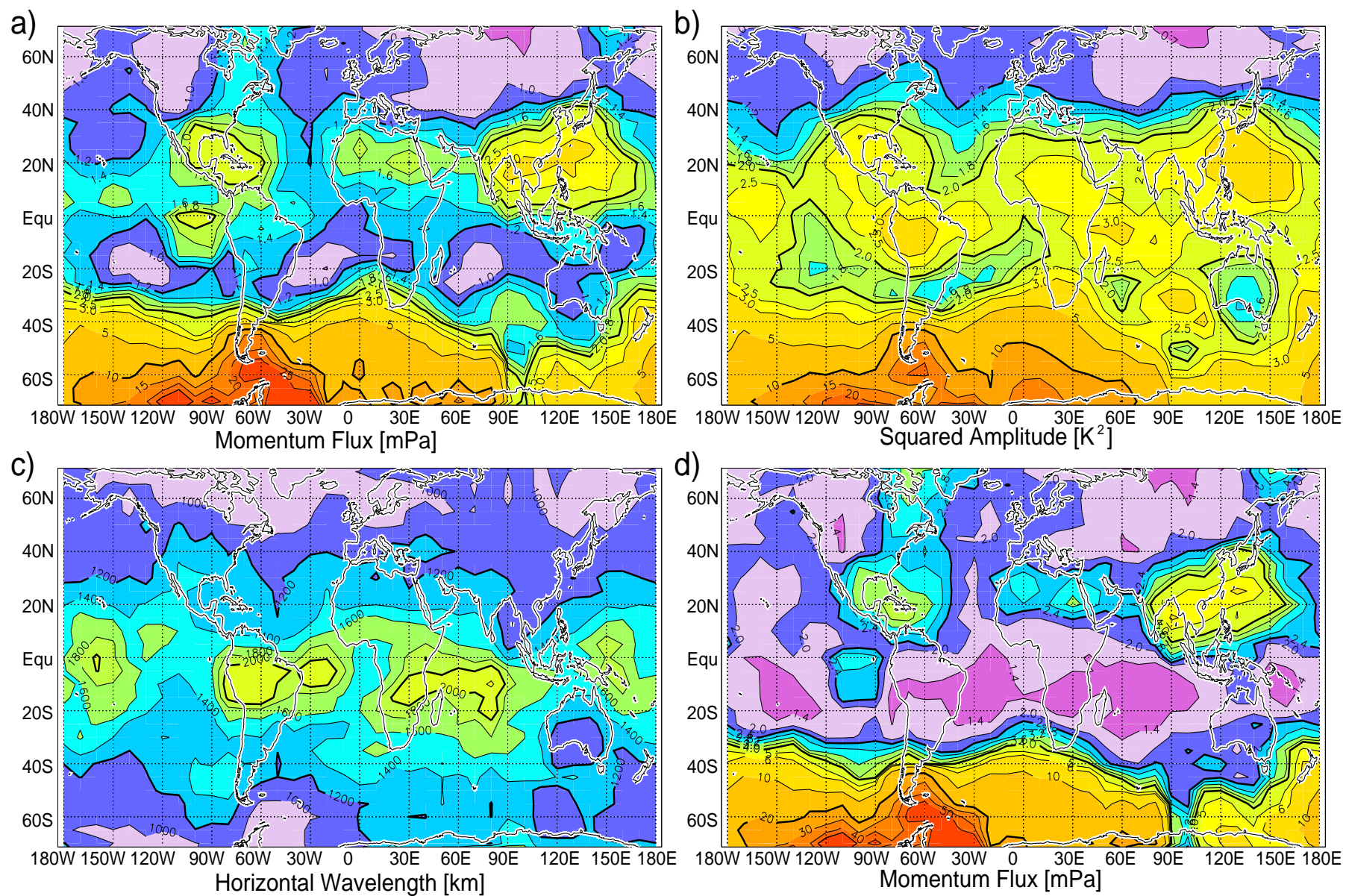


Maps of Temperature variance, Momentum Flux, and Horizontal Wavelength



HIRDLS Observing Modes: Alternate Global Mode

- The discovery that the HIRDLS FOV is larger than planned meant some loss in vertical resolution, 1.0km \rightarrow 1.2km.
- This loss in vertical resolution means individual vertical scans can be completed ~20% faster than planned, and means one additional vertical scan could be added to each azimuth swath of HIRDLS measurements without compromising the oversampling.
- To maximally increase the range of horizontal wavelengths that can be resolved, the additional profile could be added at the edge of the azimuth swath.

